

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 34   | IP adj address with (settop set adj top TV television)with media   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/18 11:29 |
| L2    | 34   | IP adj address with (settop set adj top TV television) with media  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/18 11:29 |
| L3    | 647  | IP adj address with (settop set adj top TV television)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/18 11:29 |
| L4    | 111  | IP adj address with (settop set adj top TV television) with (media audio video realtime real-time real adj time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/18 11:29 |
| L5    | 36   | L4 and @ad<"20021211"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/18 11:29 |
| L6    | 21   | L4 and @ad<"20011211"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/18 11:29 |
| L7    | 14   | L6 and (set adj top adj box)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/18 11:29 |
| L8    | 14   | L6 and (set adj top adj box) and (television TV with display)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/18 11:29 |
| L9    | 6    | L6 and (set adj top adj box) and ((television TV) with display)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/09/18 11:29 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| L10 | 105   | IP adj address with (settop set adj top TV television) and (media audio video realtime real-time real adj time) with shar\$4              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L11 | 22    | L10 and @ad<"20011211"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L12 | 165   | IP adj address with (settop set adj top TV television) and (media audio video realtime real-time real adj time) with (shar\$4 exchang\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L13 | 32    | L12 and @ad<"20011211"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L14 | 32    | L13 and (TV television)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L15 | 1     | "20040117846" and anonymous   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L16 | 2     | "6349324".pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L17 | 0     | L16 and server with IP  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L18 | 43720 | ((television TV) with (settop set adj setop) with exchang\$6 (media audio video image data)) and (IP with server)                         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L19 | 1     | ((television TV) with (settop set adj setop) with exchang\$6 with (media audio video image data)) and (IP with server)                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|     |   |  |   |    |    |                  |
|-----|---|--|---|----|----|------------------|
| L20 | 0 | L19 and @ad<"20011211"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L21 | 1 | ((television TV) with (settop set adj setop) with exchang\$6 with (media audio video image data)) and (IP with server) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L22 | 1 | ((television TV) with (settop set adj setop) same exchang\$6 with (media audio video image data)) and (IP with server) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L23 | 6 | ((television TV) with (settop set adj setop) same exchang\$6 with (media audio video image data))                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L24 | 1 | L23 and @ad<"20011211"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L25 | 2 | "7065778".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L26 | 1 | L25 and interface  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L27 | 1 | L25 and IP   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L28 | 0 | L25 and watch\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L29 | 0 | L25 and real-time  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| L30 | 0       | L25 and realtime                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L31 | 7672234 | L25 and realadj time                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L32 | 0       | L25 and real adj time                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L33 | 2       | L25 and viewed                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L34 | 19040   | 709/212,213-216,217,219,223,226.<br>ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L35 | 30      | L3 and L34                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L36 | 16      | L35 and @ad<"20011211"                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L37 | 1953    | 725/91-94,98,100,103,86.cccls.            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L38 | 589     | L37 and IP                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L39 | 397     | L37 and camera                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| L40 | 80     | L37 and digital adj camera                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L41 | 15     | L40 and @ad<"20011211"                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L42 | 244563 | "13" and (TV television)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L43 | 10     | L41 and (TV television)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L44 | 2      | "7065778".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L45 | 0      | L44 and exchang\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L46 | 6      | "5930493".pn. "5721815".pn.<br>"5721878".pn.              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L47 | 647    | IP adj address with (settop set adj<br>top TV television) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L48 | 19040  | 709/212,213-216,217,219,223,226.<br>ccls.                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L49 | 30     | L47 and L48   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| L50 | 16     | L49 and @ad<"20011211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L51 | 19     | ((user graphic\$2) adj2 interface)<br>GUI UI) with remote with (control\$4<br>command\$4) with digital adj camera | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L52 | 8      | L51 and @ad<"20021211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L53 | 2      | "6631247".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L54 | 707986 | L53 and digitaladj camera   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L55 | 1      | L53 and digital adj camera  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L56 | 2      | L53 and control\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L57 | 4      | ((user graphic\$2) adj2 interface)<br>GUI UI) with remote\$2 with<br>(activat\$4) with digital adj camera         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L58 | 2      | L57 and @ad<"20021211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L59 | 0      | ((user graphic\$2) adj2 interface)<br>GUI UI) with remote\$2 with (turn<br>adj (on off)) with digital adj camera  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| L60 | 48 | remote\$3 with (control\$4 command\$4) with digital adj camera with location | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L61 | 20 | L60 and @ad<"20021211"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L62 | 2  | L61 and (((user graphic\$2) adj2 interface) GUI UI)                          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L63 | 2  | "20030043272"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L64 | 2  | L63 and server   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L65 | 2  | "7065778".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L66 | 1  | L65 and interface  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L67 | 0  | L65 and (UI GUI)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L68 | 2  | "7075573".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L69 | 2  | "6963358".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|     |   |                           |   |    |    |                  |
|-----|---|---------------------------|---|----|----|------------------|
| L70 | 1 | L69 and "10" with storage | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L71 | 2 | "7065778".pn.             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L72 | 0 | L71 and subscriber        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L73 | 1 | L71 and user              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L74 | 2 | "7065778".pn.             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L75 | 1 | L74 and control           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L76 | 0 | L74 and sensor            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L77 | 0 | L74 and sensor\$1         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L78 | 1 | L74 and interface         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L79 | 0 | L74 and GUI               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L80 | 1    | L74 and schedul\$3                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L81 | 1    | L74 and management                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L82 | 0    | L74 and authenticat\$3                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L83 | 0    | L74 and authoriz\$3                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L84 | 0    | PVR with delivery with authentica\$6                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L85 | 1953 | 725/91-94,98,100,103,86.ccls.                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L86 | 0    | L85 with delivery with authentica\$6                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L87 | 15   | L85 and delivery with authentica\$6                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L88 | 0    | PVR with (deliver\$4 trasnfer\$6) with authentica\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L89 | 0    | L85 with (deliver\$4 trasnfer\$6) with authentica\$6 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| L90 | 26      | L85 and (deliver\$4 trasnfer\$6) with authentica\$6   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L91 | 8       | L90 and @ad<"20021211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L92 | 947     | (deliver\$4 trasnfer\$6 transmit\$5) with authentica\$6 with requested  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L93 | 3207582 | (deliver\$4 trasnfer\$6 transmit\$5) with authentica\$6 with requested (media video multimedia)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L94 | 45      | (deliver\$4 trasnfer\$6 transmit\$5) with authentica\$6 with requested with (media video multimedia)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L95 | 15      | L94 and @ad<"20021211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L96 | 126     | (deliver\$4 trasnfer\$6 transmit\$5) with authentica\$6 with (allow\$7 accept\$6) with (media video multimedia) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L97 | 30      | L96 and @ad<"20021211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L98 | 38      | (deliver\$4 trasnfer\$6 transmit\$5) with authentica\$6 with (allow\$7 accept\$6) with (video multimedia)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L99 | 5       | L98 and @ad<"20021211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|      |    |   |   |    |    |                  |
|------|----|---|---|----|----|------------------|
| L100 | 60 | (deliver\$4 trasfer\$6 transmi\$7) with authentica\$6 with (allow\$7 accept\$6) with (video multimedia multi-media)           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L101 | 8  | L100 and @ad<"20021211"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L102 | 86 | (deliver\$4 trasfer\$6,transmi\$7 receiv\$6) with authentica\$6 with (allow\$7 accept\$6) with (video multimedia multi-media) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L103 | 15 | L102 and @ad<"20021211"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L104 | 7  | L103 not L101   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L105 | 2  | "6477708".pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L106 | 1  | L105 and security   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L107 | 34 | IP adj address with (settop set adj top TV television)with media  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L108 | 34 | L107  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L109 | 34 | IP adj address with (settop set adj top TV television) with media   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|      |     |  |   |    |    |                  |
|------|-----|--|---|----|----|------------------|
| L110 | 34  | L109   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L111 | 647 | IP adj address with (settop set adj top TV television)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L112 | 647 | L111   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L113 | 111 | IP adj address with (settop set adj top TV television) with (media audio video realtime real-time real adj time) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L114 | 111 | L113   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L115 | 36  | L113 and @ad<"20021211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L116 | 36  | L115   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L117 | 21  | L113 and @ad<"20011211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L118 | 21  | L117   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L119 | 14  | L117 and (set adj top adj box)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|      |     |  |   |    |    |                  |
|------|-----|--|---|----|----|------------------|
| L120 | 14  | L119   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L121 | 14  | L117 and (set adj top adj box) and (television TV with display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L122 | 14  | L121   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L123 | 6   | L117 and (set adj top adj box) and ((television TV) with display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L124 | 6   | L123   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L125 | 105 | IP adj address with (settop set adj top TV television) and (media audio video realtime real-time real adj time) with shar\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L126 | 22  | L125 and @ad<"20011211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L127 | 22  | L126   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L128 | 2   | "7065778".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L129 | 0   | L128 and profile   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|      |      |                      |   |    |    |                  |
|------|------|----------------------|---|----|----|------------------|
| L130 | 0    | L128 and schedule    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L131 | 1    | L128 and schedul\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L132 | 1    | L128 and register\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L133 | 0    | L128 and filter\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L134 | 0    | L128 and rat\$3      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L135 | 0    | L128 and rat\$4      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L136 | 7733 | EPG                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L137 | 1    | L128 and EPG         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L138 | 0    | L128 and language    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L139 | 2    | L128 and content     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|      |      |   |   |    |     |                  |
|------|------|---|---|----|-----|------------------|
| L140 | 1    | L128 and content with information   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18 11:29 |
| L141 | 0    | L128 and restrict\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18 11:29 |
| L142 | 8    | EGP with filter\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18 11:29 |
| L143 | 4    | L142 and @ad<"20011211"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18 11:29 |
| L144 | 30   | (("6385596") or ("6868103") or ("7075273") or ("6963358") or ("6693896") or ("6782550") or ("7080400") or ("5721878") or ("6349324") or ("6480889") or ("7089579") or ("7065778") or ("6477708") or ("5930493") or ("5721815")).PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/18 11:29 |
| L145 | 3    | L144 and filter\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18 11:29 |
| L146 | 1953 | 725/91-94,98,100,103,86.ccis.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18 11:29 |
| L147 | 518  | L146 and filter\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18 11:29 |
| L148 | 46   | L146 and filter\$5 with (rating language preference)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/09/18 11:29 |

## EAST Search History

|      |    |  |   |    |    |                  |
|------|----|--|---|----|----|------------------|
| L149 | 17 | L148 and @ad<"20011211"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L150 | 1  | L128 and management                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L151 | 0  | L128 and authority                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L152 | 0  | L128 and authori\$6                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L153 | 2  | "7084994".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L154 | 0  | L153 and authoriz\$3                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L155 | 0  | L153 and author\$7                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L156 | 79 | L146 and telephone with user with<br>(request input) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L157 | 51 | L156 and @ad<"20011211"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L158 | 20 | L157 and (ip network) with address                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|      |     |  |   |    |    |                  |
|------|-----|--|---|----|----|------------------|
| L159 | 2   | "5570415".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L160 | 0   | L159 and dtmf  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L161 | 7   | L157 and (ip network) with address and dtmf  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L162 | 2   | "7170546".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L163 | 1   | L162 and address   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L164 | 111 | IP adj address with (settop set adj top TV television) with (media audio video realtime real-time real adj time) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L165 | 36  | L164 and @ad<"20021211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L166 | 36  | L165   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L167 | 21  | L164 and @ad<"20011211"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L168 | 21  | L167   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/09/18 11:29 |

## EAST Search History

|      |      |   |   |    |    |                  |
|------|------|---|---|----|----|------------------|
| L169 | 105  | IP adj address with (settop set adj top TV television) and (media audio video realtime real-time real adj time) with shar\$4              | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L170 | 22   | L169 and @ad<"20011211"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L171 | 22   | L170  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L172 | 165  | IP adj address with (settop set adj top TV television) and (media audio video realtime real-time real adj time) with (shar\$4 exchang\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L173 | 32   | L172 and @ad<"20011211"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L174 | 32   | L173 and (TV television)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L175 | 32   | L174  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L176 | 1953 | 725/91-94,98,100,103,86.ccls.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L177 | 15   | L176 and delivery with authentica\$6  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |
| L178 | 15   | L177  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/18 11:29 |